INTERNATIONAL SEARCH REPORT

nternational Application No CT/US2005/000004

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D333/38 C07D417/10 C07D307/68 C07D409/10 A61K31/381
A61P25/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data, EMBASE, BIOSIS

Category °	Citation of document, with indication, where appropriate, of	Relevant to claim No.	
X	EP 0 273 602 A (ELI LILLY AND 6 July 1988 (1988-07-06) examples 5,11	1-3,16, 26,28, 40,41	
x	REUX, D. ET AL: "Cyclization 3-(alkylthio)-1,1,3-tricyano-thiophenes" SULFUR LETTERS, 13(5), 197-20 SULED2; ISSN: 0278-6117, 1991 page 199; compound 3F	1,3	
X	AUGUSTIN, M. ET AL: "Thiopher S-alkylation" TETRAHEDRON, 32(24), 3055-61 TETRAB; ISSN: 0040-4020, 1976 page 3056 - page 3057; compour 4B,4E,4I,4M	CODEN: , XP002330193	1,3,26, 28
X Furth	ner documents are listed in the continuation of box C.	Patent family members are listed i	n annex.
"A" docume conside "E" earlier dilling de "L" documer which i citation "O" docume other n	nt which may throw doubts on priority clalm(s) or s cited to establish the publication date of another or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	 "T" later document published after the inte or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the do "Y" document of particular relevance; the cannot be considered to involve an involve an inventive step when the do "Y" document of particular relevance; the cannot be considered to involve an involve an involve an involve and involve an involve and involve	the application but application but application be considered to comment is taken alone laimed invention returned invention are the such docu- us to a person skilled
Date of the a	actual completion of the international search	Date of mailing of the International sea	rch report
2	June 2005	13/06/2005	
Name and m	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nt, Fax: (+31-70) 340-3016	Authorized officer Steendijk, M	

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C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
		1-41

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No CT/US2005/000004

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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